

2010

# Injury-related Hospitalizations MA Residents, Ages 25-44 Years

In FY2010, there were **9,739** injury-related hospitalizations to adults ages 25-44 years, a rate of **561.8** for every 100,000 MA adults ages 25-44 years. Poisoning was the leading cause for this age group, followed by fall and motor vehicle traffic-related injuries.

| INJURY CAUSE                          | INJURY INTENT |             |         |              |               | Total Count | Percent of Total Count | Crude Rate per 100,000 |
|---------------------------------------|---------------|-------------|---------|--------------|---------------|-------------|------------------------|------------------------|
|                                       | Unintentional | Intentional |         | Undetermined | Other & Legal |             |                        |                        |
|                                       |               | Self-harm   | Assault |              |               |             |                        |                        |
| Cut/pierce                            | 182           | 254         | 209     | <7           | 0             | 648         | 6.7                    | 37.4                   |
| Drowning/submersion                   | <7            | 0           | 0       | 0            |               | <7          | 0.1                    | --                     |
| Fall                                  | 1575          | 13          | <7      | 10           |               | 1,599       | 16.4                   | 92.2                   |
| Fire/burn                             | 145           | 13          | <7      | <7           |               | 162         | 1.7                    | 9.3                    |
| Firearms                              | 9             | <7          | 102     | <7           | <7            | 116         | 1.2                    | 6.7                    |
| Machinery                             | 52            |             |         |              |               | 52          | 0.5                    | 3.0                    |
| Natural/environmental                 | 217           | 0           |         | <7           |               | 218         | 2.2                    | 12.6                   |
| Overexertion                          | 168           |             |         |              |               | 168         | 1.7                    | 9.7                    |
| Poisoning                             | 697           | 1497        | 0       | 245          | 0             | 2,439       | 25.0                   | 140.7                  |
| Struck by, against                    | 228           |             | 283     |              | <7            | 514         | 5.3                    | 29.7                   |
| Suffocation/hanging                   | 35            | 25          | <7      | 0            |               | 64          | 0.7                    | 3.7                    |
| Transport Injuries:                   | 1,244         | <7          | <7      | 0            | 0             | 1,248       | 12.8                   | 72.0                   |
| <i>Motor vehicle traffic-related</i>  | 1,012         | <7          | <7      | 0            | 0             | 1,016       | 10.4                   | 58.6                   |
| <i>Occupant</i>                       | 607           |             |         |              |               | 607         | 6.2                    | 35.0                   |
| <i>Motorcyclist</i>                   | 187           |             |         |              |               | 187         | 1.9                    | 10.8                   |
| <i>Pedal cyclist</i>                  | 40            |             |         |              |               | 40          | 0.4                    | 2.3                    |
| <i>Pedestrian</i>                     | 144           |             |         |              |               | 144         | 1.5                    | 8.3                    |
| <i>Other person</i>                   | <7            |             |         |              |               | <7          | 0.0                    | --                     |
| <i>Unspecified person</i>             | 30            |             |         |              |               | 30          | 0.3                    | 1.7                    |
| <i>Pedal cyclist, other</i>           | 95            |             |         |              |               | 95          | 1.0                    | 5.5                    |
| <i>Pedestrian, other</i>              | <7            |             |         |              |               | <7          | 0.1                    | --                     |
| <i>Other transport</i>                | 132           | 0           | 0       | 0            | 0             | 132         | 1.4                    | 7.6                    |
| Other specified & classifiable        | 580           | <7          | 66      | 0            | 0             | 652         | 6.7                    | 37.6                   |
| Other specified, not classifiable     | 225           | 59          | 132     | 29           | <7            | 447         | 4.6                    | 25.8                   |
| Unspecified                           | 434           | 7           | 47      | 0            | <7            | 490         | 5.0                    | 28.3                   |
| Adverse effects                       |               |             |         |              |               | 301         | 3.1                    | 17.4                   |
| No cause or intent provided           |               |             |         |              |               | 615         | 6.3                    | 35.5                   |
| TOTALS                                | 5,797         | 1,879       | 848     | 291          | 8             | 9,739       | 100.0                  | 561.8                  |
| Injury Hospitalization Rate by Intent | 334.4         | 108.4       | 48.9    | 16.8         | 0.5           | n/a         | n/a                    | n/a                    |

Source: MA Hospital Discharge Database, MA Division of Health Care, Finance and Policy.

—Analysis is based on a fiscal year (October 1 - September 30).

—Rates are per 100,000 residents. Rates are not calculated on counts of less than seven, and those based on counts less than twenty may be unstable.

—Categories and groupings are based on a modified version of the CDC's "Recommended framework of E-code groupings for presenting injury mortality and morbidity data" based on ICD-9 codes. This framework does not provide for intentionality for certain cause categories as indicated by gray shading. Injury subcategories are italicized and counts are excluded from the overall totals.

—Population data used to calculate rates are based on 2010 population estimates by the US Census Bureau.

—Questions regarding the data presented here can be directed to the Injury Surveillance Program, MA Dept. of Public Health (617) 624-5648.

Data prepared by the Injury Surveillance Program, Bureau of Health Information, Statistics, Research and Evaluation, Massachusetts Department of Public Health.

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